

## **WHAT IS CLAIMED IS:**

1. A terminal crimping machine, comprising:

a base body provided at a lower end thereof with a feeding platform for placement of terminal-chain;

5 a punching mechanism having an upper crimper and a driving piece, the upper crimper capable of moving longitudinally on the base body;

an adjusting mechanism provided with a fixing block and an adjusting screw, the fixing block fixed in the base body and the adjusting

10 screw movably coupled on the fixing block;

an auto-feeder having a fixing base disposed on a front side of the base body, and a first and a second driven pieces disposed in the fixing base in an interlocking manner, wherein the second driven piece is driven by an elastic force to abut against the adjusting screw of the

15 adjusting mechanism, and the second driven piece is provided at an end thereof with a pushing block, the driving piece of the punching mechanism employed to drive the first driven piece, so as to enable the second driven piece to push terminals on the base body;

by the above-mentioned arrangements, in crimping operation, by

20 adjusting the adjusting screw of the adjusting mechanism, a distance between the pushing block of the second driven piece and the upper crimper can be adjusted to fit different sized terminals, such that auto-feeder is able to push the different sized terminals to a crimping position

for crimping operation.

2. The terminal crimping machine as claimed in claim 1, wherein a protrusive block is provided on the feeding platform, on the protrusive block further can be movably provided with an elastic block  
5 which is employed to enable terminals to be conveyed smoothly.

3. The terminal crimping machine as claimed in claim 1, wherein the fixing base of the auto-feeder is provided with a first and a second grooves in a lateral direction thereof, and a space is defined between the first and the second grooves, at a bottom of the first and the  
10 second grooves is respectively formed with a recess and in which an elastic element is received, the first and the second driven pieces are provided with protrusive bars at a side thereof, and the first and the second driven pieces are received in the first and the second grooves respectively in a manner that the protrusive bars abut against an end of  
15 the elastic element, in the space of the fixing base is provided with a gear cluster meshing with the first and the second driven pieces, such that the first and the second driven pieces can be move synchronously.

4. The terminal crimping machine as claimed in claim 1, wherein a coupling portion is formed on the second driven piece of the  
20 auto-feeder, and a notch is defined on the coupling portion for reception of the pushing block.

5. The terminal crimping machine as claimed in claim 1, wherein the pushing block is positioned in the notch of the coupling

portion by virtue of a screw rod, a torsion spring is mounted onto the screw rod in a manner that the torsion spring has a first end fastened to the coupling portion and a second end affixed to the pushing block.